

IMPLANTABLE MEDICAL DEVICES WITH DUAL-MEMORY SUPPORT**ABSTRACT**

The invention is directed to implantable medical devices (IMDs) with dual-memory support. An IMD is designed to detect the presence or absence of a programmable non-volatile memory, such as flash memory. The IMD processor determines whether operation instructions reside in non-programmable non-volatile memory or in programmable non-volatile memory as a function of an output from a detector circuit.